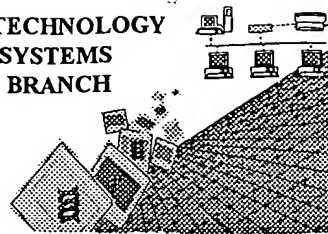# RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: *10/088,092*

Source: *PCT/10*

Date Processed by STIC: *1/30/2002*

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2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY
FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.
PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)
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Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.
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Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
   U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
   Or
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Revised 01/29/2002

PCT10

RAW SEQUENCE LISTING   DATE: 01/30/2003
PATENT APPLICATION: **US/10/088,092**   TIME: 10:12:10

Input Set : **A:\220738US0PCT.txt**
Output Set: **N:\CRF4\01302003\J088092.raw**

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 3 <110> APPLICANT: ISHIZAKI, JUN
 4         SUZUKI, NORIKO
 5         HANASAKI, KOHJI
 7 <120> TITLE OF INVENTION: A GENE ENCODING NOVEL HUMAN SECRETORY TYPE PHOSPHOLIPASE A2
 9 <130> FILE REFERENCE: 220738US0PCT
11 <140> CURRENT APPLICATION NUMBER: 10/088,092
12 <141> CURRENT FILING DATE: 2002-07-29
14 <150> PRIOR APPLICATION NUMBER: PCT/JP00/06344
15 <151> PRIOR FILING DATE: 2000-09-18
17 <150> PRIOR APPLICATION NUMBER: JP 11-266616
18 <151> PRIOR FILING DATE: 1999-09-21
20 <160> NUMBER OF SEQ ID NOS: 34
22 <170> SOFTWARE: PatentIn version 3.1
24 <210> SEQ ID NO: 1
25 <211> LENGTH: 320
26 <212> TYPE: DNA
27 <213> ORGANISM: Mus musculus
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30 <221> NAME/KEY: misc_feature
31 <222> LOCATION: (1)..(1)
32 <223> OTHER INFORMATION: n = a, c, g, or t
35 <220> FEATURE:
36 <221> NAME/KEY: misc_feature
37 <222> LOCATION: (11)..(11)
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43 <222> LOCATION: (29)..(29)
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47 <220> FEATURE:
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49 <222> LOCATION: (38)..(38)
50 <223> OTHER INFORMATION: n = a, c, g, or t
53 <220> FEATURE:
54 <221> NAME/KEY: misc_feature
55 <222> LOCATION: (140)..(140)
56 <223> OTHER INFORMATION: n = a, c, g, or t
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60 <221> NAME/KEY: misc_feature
61 <222> LOCATION: (295)..(295)
62 <223> OTHER INFORMATION: n = a, c, g, or t
65 <400> SEQUENCE: 1
66 cttcaagaga ngagggaaac ctgccctgna gtacaatnac tatggctgct attgcggtgt      60
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C--> 12 <141> **CURRENT FILING DATE: 2002-07-29**

W--> 66

**Does Not Comply
Corrected Diskette Needed**

"c" is at location 1

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         68 cggtggctcc cactggccag tgggacgaaa cggattggtg ttgtcatgcc catgactgct      120
W--> 70 gctatggccg cctggagaan ctgggctgtg accccaagct ggaaaagtac ctcttctcta      180
         72 tcactcgaga caacatcttc tgtgctggta aaacggcttg ccagcggcat acctgcgaat      240
W--> 74 gtgacaaaaa accgctctct gctttcgcca caacctgaac acttacaacc gcaantatgc      300
         76 ccactacccc aacaagctgt                                                 320
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         80 <211> LENGTH: 23
         81 <212> TYPE: DNA
         82 <213> ORGANISM: Artificial Sequence
         84 <220> FEATURE:
         85 <223> OTHER INFORMATION: Synthetic DNA
         87 <220> FEATURE:
         88 <221> NAME/KEY: misc_feature
         89 <222> LOCATION: (11)..(11)
         90 <223> OTHER INFORMATION: n = a, c, g, or t
         93 <400> SEQUENCE: 2
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         99 <212> TYPE: DNA
        100 <213> ORGANISM: Artificial Sequence
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        103 <223> OTHER INFORMATION: Synthetic DNA
        105 <400> SEQUENCE: 3
        106 agcttgttgg ggtagtgggc                                               20
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        110 <211> LENGTH: 23
        111 <212> TYPE: DNA
        112 <213> ORGANISM: Artificial Sequence
        114 <220> FEATURE:
        115 <223> OTHER INFORMATION: Synthetic DNA
        117 <220> FEATURE:
        118 <221> NAME/KEY: misc_feature
        119 <222> LOCATION: (9)..(9)
        120 <223> OTHER INFORMATION: n = a, c, g, or t
        123 <400> SEQUENCE: 4
W--> 124 tcaagagang agggaaacct gcc                                             23
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        128 <211> LENGTH: 21
        129 <212> TYPE: DNA
        130 <213> ORGANISM: Artificial Sequence
        132 <220> FEATURE:
        133 <223> OTHER INFORMATION: Synthetic DNA
        135 <400> SEQUENCE: 5
        136 cttgttgggg tagtgggcat a                                             21
        139 <210> SEQ ID NO: 6
        140 <211> LENGTH: 23
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        142 <213> ORGANISM: Artificial Sequence
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152 <211> LENGTH: 21
153 <212> TYPE: DNA
154 <213> ORGANISM: Artificial Sequence
156 <220> FEATURE:
157 <223> OTHER INFORMATION: Synthetic DNA
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160 acattcgcag gtatgccgct g                                      21
163 <210> SEQ ID NO: 8
164 <211> LENGTH: 22
165 <212> TYPE: DNA
166 <213> ORGANISM: Artificial Sequence
168 <220> FEATURE:
169 <223> OTHER INFORMATION: Synthetic DNA
171 <400> SEQUENCE: 8
172 agacaacatc ttctgtgctg gt                                     22
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176 <211> LENGTH: 23
177 <212> TYPE: DNA
178 <213> ORGANISM: Artificial Sequence
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183 <400> SEQUENCE: 9
184 ttgccagcgg catacctgcg agt                                    23
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189 <212> TYPE: DNA
190 <213> ORGANISM: Artificial Sequence
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193 <223> OTHER INFORMATION: Synthetic DNA
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202 <213> ORGANISM: Artificial Sequence
204 <220> FEATURE:
205 <223> OTHER INFORMATION: Synthetic DNA
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208 tagacggtga ctcagagctg ca                                     22
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212 <211> LENGTH: 24
213 <212> TYPE: DNA
214 <213> ORGANISM: Artificial Sequence
216 <220> FEATURE:
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RAW SEQUENCE LISTING   DATE: 01/30/2003
PATENT APPLICATION: **US/10/088,092**   TIME: 10:12:10

Input Set : **A:\220738US0PCT.txt**
Output Set: **N:\CRF4\01302003\J088092.raw**

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217 <223> OTHER INFORMATION: Synthetic DNA
219 <400> SEQUENCE: 12
220 ggaaaataga cttctcttat tcag                                           24
223 <210> SEQ ID NO: 13
224 <211> LENGTH: 22
225 <212> TYPE: DNA
226 <213> ORGANISM: Artificial Sequence
228 <220> FEATURE:
229 <223> OTHER INFORMATION: Synthetic DNA
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232 agggtattga gatgccagag gc                                             22
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236 <211> LENGTH: 883
237 <212> TYPE: DNA
238 <213> ORGANISM: Mus musculus
240 <220> FEATURE:
241 <221> NAME/KEY: CDS
242 <222> LOCATION: (166)..(591)
243 <223> OTHER INFORMATION:
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247 <221> NAME/KEY: mat_peptide
248 <222> LOCATION: (223)..()
249 <223> OTHER INFORMATION:
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W-->
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252 <400> 14
253 gaaaagagac ctctctcagt agacggtgac tcagagctgc agggtgtacc aggcaggtgg      60
255 actcggtccc catcaccttt gcaacaggga cagagcttgc agtacccaga tgcccctggg     120
257 aggtggcaga gcaggctccc atgccccctg cctacctccc ccagg atg aaa cct ccc     177
258                                                     Met Lys Pro Pro
261 att gcc ctg gct tgc ctt tgc ctc ctg gtg ccc ctg gct ggc ggg aac      225
262 Ile Ala Leu Ala Cys Leu Cys Leu Leu Val Pro Leu Ala Gly Gly Asn
263 -15              -10               -5               -1  1
265 ctg gtc cag ttt gga gtg atg att gag aga atg acg gga aag cct gcc      273
266 Leu Val Gln Phe Gly Val Met Ile Glu Arg Met Thr Gly Lys Pro Ala
267              5                 10               15
269 ctg cag tac aat gac tat ggc tgc tat tgc ggt gtc ggt ggc tcc cac      321
270 Leu Gln Tyr Asn Asp Tyr Gly Cys Tyr Cys Gly Val Gly Gly Ser His
271           20                25               30
273 tgg cca gtg gac gag acg gat tgg tgt tgt cat gcc cat gac tgc tgc      369
274 Trp Pro Val Asp Glu Thr Asp Trp Cys Cys His Ala His Asp Cys Cys
275      35                40               45
277 tat ggc cgc ctg gag aag ctg ggc tgt gac ccc aag ctg gaa aag tac      417
278 Tyr Gly Arg Leu Glu Lys Leu Gly Cys Asp Pro Lys Leu Glu Lys Tyr
279 50                55               60                65
281 ctc ttc tct atc act cga gac aac atc ttc tgt gct ggt aga acg gct      465
282 Leu Phe Ser Ile Thr Arg Asp Asn Ile Phe Cys Ala Gly Arg Thr Ala
283              70               75                80
285 tgc cag cgg cat acc tgc gag tgt gac aag aga gct gct ctt tgc ttt      513
286 Cys Gln Arg His Thr Cys Glu Cys Asp Lys Arg Ala Ala Leu Cys Phe
287           85                90               95
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RAW SEQUENCE LISTING   DATE: 01/30/2003
PATENT APPLICATION: US/10/088,092   TIME: 10:12:10

Input Set : A:\220738US0PCT.txt
Output Set: N:\CRF4\01302003\J088092.raw

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289 cgc cac aac ctg aac act tac aac cgc aag tat gcc cac tac ccc aac       561
290 Arg His Asn Leu Asn Thr Tyr Asn Arg Lys Tyr Ala His Tyr Pro Asn
291         100                 105                 110
293 aag ctg tgt act ggg ccc acc cca ccc tgc tgaggccctg ctcggctcca        611
294 Lys Leu Cys Thr Gly Pro Thr Pro Pro Cys
295     115                 120
297 tagccacccc aggctgctgc agtctcaggc ccagagaagc tcggaaccca gattcctctc   671
299 ccagcagact catcccgccc cccccccaga gatcatgagc cctggtctct ggcctccagg   731
301 accacaccag atccacggga tcagctgaag aagtcacggg actcgtcagc gctcacaaga   791
303 tccactaagt cgcctctggc atctcaatac cctcttctga ataagagaag tctattttcc   851
305 cgaaaaaaaa aaaaaaaaaa aaaaaaaaaa aa                                  883
308 <210> SEQ ID NO: 15
309 <211> LENGTH: 142
310 <212> TYPE: PRT
311 <213> ORGANISM: Mus musculus
313 <400> SEQUENCE: 15
315 Met Lys Pro Pro Ile Ala Leu Ala Cys Leu Cys Leu Leu Val Pro Leu
316               -15             -10                 -5
319 Ala Gly Gly Asn Leu Val Gln Phe Gly Val Met Ile Glu Arg Met Thr
320         -1  1             5                 10
323 Gly Lys Pro Ala Leu Gln Tyr Asn Asp Tyr Gly Cys Tyr Cys Gly Val
324     15                  20                  25
327 Gly Gly Ser His Trp Pro Val Asp Glu Thr Asp Trp Cys Cys His Ala
328 30                  35                  40                  45
331 His Asp Cys Cys Tyr Gly Arg Leu Glu Lys Leu Gly Cys Asp Pro Lys
332             50                  55                  60
335 Leu Glu Lys Tyr Leu Phe Ser Ile Thr Arg Asp Asn Ile Phe Cys Ala
336             65                  70                  75
339 Gly Arg Thr Ala Cys Gln Arg His Thr Cys Glu Cys Asp Lys Arg Ala
340         80                  85                  90
343 Ala Leu Cys Phe Arg His Asn Leu Asn Thr Tyr Asn Arg Lys Tyr Ala
344     95                  100                 105
347 His Tyr Pro Asn Lys Leu Cys Thr Gly Pro Thr Pro Pro Cys .
348 110                 115                 120
351 <210> SEQ ID NO: 16
352 <211> LENGTH: 18
353 <212> TYPE: DNA
354 <213> ORGANISM: Artificial Sequence
356 <220> FEATURE:
357 <223> OTHER INFORMATION: Synthetic DNA
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360 ctayggctgy yaytgygg                                                   18
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365 <212> TYPE: DNA
366 <213> ORGANISM: Artificial Sequence
368 <220> FEATURE:
369 <223> OTHER INFORMATION: Synthetic DNA
371 <400> SEQUENCE: 17
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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: **US/10/088,092**

DATE: 01/30/2003
TIME: 10:12:11

Input Set : **A:\220738US0PCT.txt**
Output Set: **N:\CRF4\01302003\J088092.raw**

<u>Please Note:</u>
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 11,29,38,140,295
Seq#:2; N Pos. 11
Seq#:4; N Pos. 9
Seq#:18; N Pos. 197